

541, 880
10/541880

(12) INTERNATIONAL PUBLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/062821 A2

- (51) International Patent Classification⁷: B08B
- (21) International Application Number:
PCT/US2004/000680
- (22) International Filing Date: 12 January 2004 (12.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/439,136 11 January 2003 (11.01.2003) US
- (71) Applicant (for all designated States except US): BUTLER
HOME PRODUCTS LLC [US/US]; 311 Hopping Brook
Road, P.O. Box 8000, Holliston, MA 01746-8000 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MICHELSON,
Robert [US/US]; 19 Dean Road, Wayland, MA 01778

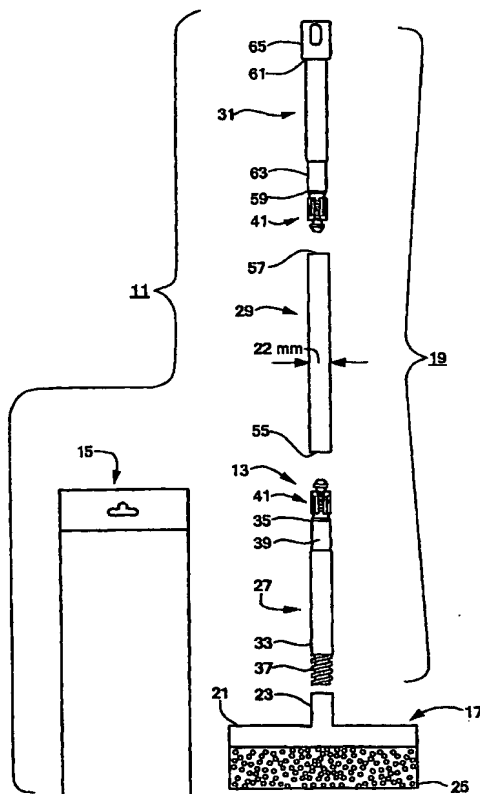
(US). SILVERMAN, Michael [US/US]; 24 Smith Street,
Westborough, MA 01581 (US). FOOTER, Harris
[US/US]; 16 Schaller Street, Wellesley, MA 02181 (US).
DUNN, Thomas [US/US]; 24 Forsythia Road, Leomin-
ster, MA 01453 (US). PHILLIPS, Stephen [US/US];
445 Beacon Street, Number 1, Boston, MA 02115 (US).
CONNOLLY, Paul [US/US]; 6 Lisa Lane, Westfield,
MA 01085 (US). PARLOWSKI, Jurgen [DE/US]; 376
President Street, 2K, Brooklyn, NY 11231 (US).

(74) Agents: KRIEGSMAN, Irving, M. et al.; Kriegsman &
Kriegsman, 665 Franklin Street, Framingham, MA 01702
(US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

[Continued on next page]

(54) Title: MULTI-PIECE FLOOR CLEANING IMPLEMENT AND CONTAINER FOR USE IN HOLDING THE SAME IN
UNASSEMBLED FORM



(57) Abstract: A traditional floor cleaning implement comprising a plurality of pieces which, when assembled, form the traditional floor cleaning implement and a container for holding the implement. In one embodiment, the kit includes a mop head, a plurality of separate handle sections adapted to be joined together to form a mop handle, the mop handle being adapted to be joined to the mop head, and a container for holding the mop head and the separate handle sections. In another embodiment, the kit includes a broom head, a plurality of separate handle sections adapted to be joined together to form a broom handle and a container for holding the broom head and the separate broom handle sections.

WO 2004/062821 A2



MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

Published:

- *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.